

400W 150AH 1920Wh Solar System

Model: CS400150



The Maxsol CS400150 Integrates An IP65 Outdoor Cabinet With A 12.8V 150Ah LiFePO4 Battery, Delivering Stable 12V Output For Outdoor CPEs, IP Cameras, And Related Devices. Designed For Harsh Environments, It Offers Reliable Power Protection And Easy Deployment.

- CCTV Solar Power Supply 400W/150AH 1920WH Solution
- Solar panel: 400W monocrystalline silicon solar panel
- Battery: 150AH12.8V LifePO4 Battery, total: 1920WH
- MPPT Solar Controller, 4*DC12V Output Port
- Big Battery Cabinet Box(500mm*400mm*200mm)
- Other accessories: Battery Mount, Screws, DC Cable, etc

Solar Panel

Model	CS400150
Material	High-efficiency mono-crystalline silicon cell, high-strength aluminum alloy frame
Panel materials	Super white toughened glass
Life	25years
Maximum power (Pm)	200W*2
Photoelectric Conversion Efficiency (%)	≥20.4%
Voltage at Pmax (Vmp)	18V
Current at Pmax (Imp)	10.96A
Open-Circuit Voltage of Solar Panel (V)	22.0V
Open circuit voltage – VOC (V)	21.80A
Short circuit current – ISC (A)	11.62A
Module dimensions (L×W×H)	1290*760*30mm
Module weight (KG)	10.3 Kg
Frame material and dimensions (mm)	Anodized aluminum alloy 1.2mm
Module packaging	Tempered glass/EVA/cell/EVA backsheet

Charger

PV Charging Method	MPPT
System voltage	12V/24V
Max PV Input	180W/12V;360W/24V
MAX PV Input Voltage	65V
MAX PV Charge Current	20A
Maximum PV input current	15A
MPPT tracking efficiency	>99%

Power Supply System

Power output	12V
DC connector	3.1MM×10MM
Battery capacity	150AH／1920WH/LiFePo4 Battery
Battery Size	320*170*120mm
Battery life	> 3 years
Charging time	5(H)
Controller	Fully intelligent digital controller, with the functions of preventing overcharge, overdischarge, lightning protection, short circuit and reverse connection
Controller life	> 10 Years
Waterproof coefficient	IP65
Battery operating temperature range	-40℃-80℃
Net Weight	57KG

Package

Outer packing size	Solar Panel Size: 1490*685*65mm Battery Size: 320*170*120±2mm Cabinet Size: 500*400*200mm Triangle bracket: 682*520*620mm Cross arm: 170*620*720mm Camera Arm: 530*140*140mm
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Maxsol Technologies Limited

Website

www.maxsol-tech.com

Phone

+86 19849790018

Email

sales@maxsol-tech.com

Address

Building 2, No. 3, Shangcun Industrial Zone, Tiantou Community, Shijing Subdistrict,
Pingshan District, Shenzhen, China

